

# **2009 Integrated Energy Policy Report Staff Workshop**

## **Electric Transmission Data Requests**

**December 4, 2008, 1:00 p.m.**

**Call-in Number: 1-888-566-5914**

**Passcode: IEPR, Call Leader: Suzanne  
Korosec**

**[www.energy.ca.gov/webcast/](http://www.energy.ca.gov/webcast/)**



# Today's Agenda

- **Staff Presentation – Mark Hesters**
- **Discussion – All Interested Parties**
- **Next Steps**



# **Draft Staff Forms & Instructions for Submitting Electric Transmission-related Data**

**Prepared in Support of the 2009 Integrated Energy Policy  
Report Proceeding**

**(09-IEP-01D)**

**December 4, 2008**

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# Who Must File

- **Electric Transmission System Owners**
- **Agencies such as the Transmission Agency of Northern California may file on behalf of their members**
- **The interconnecting utility or utilities should file the required information for merchant projects**



# Major Transmission Projects

Project	Transmission Owner
Desert Southwest Transmission Project	Imperial Irrigation District (IID)
Green Path North	Los Angeles Department of Water and Power (LADWP)
Green Path Projects (other than North)	IID
Intermountain Power Plant DC Line Upgrade	LADWP
TransWest Express Project	Southern California Edison (SCE)
Lake Elsinore Advanced Pumped Storage/Talega-Escondido/Valley-Serrano Project	SCE and San Diego Gas & Electric (SDG&E)
Canada/Pacific Northwest to Northern California Project	Pacific Gas and Electric (PG&E)
Central California Clean Energy Transmission Project	PG&E
Sea Breeze DC Cable Project	PG&E
Northern Lights	SCE and PG&E
Alpha, Delta, and Zeta	Transmission Agency of Northern California



# What to File

- **Most recent transmission expansion plan.**
- **Description of bulk transmission network**
  - **Limits on imports**
  - **Limits on moving bulk power within the service area**
  - **Transmission required for state energy goals, to meet renewable energy targets, replacement of aging power plants, or reduce local capacity needs.**
- **Potential corridor needs**



## What to File

- **Details for transmission projects and alternatives planned for operation by 2018**
  - Provide status update/major issues for projects in permitting, e.g. DPV2 and other projects recommended in prior Strategic Transmission Investment Plans
- **General description for upgrades planned for operation after 2018.**
- **Rely on published information.**



## Limits on Imports

- **General description**
- **Plans to upgrade import capability through 2018.**
- **Maintenance affecting imports through 2011.**





# Limits on Bulk Transmission within Network

- **General description**
- **Plans to upgrade bulk limits through 2018.**
- **Maintenance affecting bulk transmission within network through 2011.**



# Transmission for State Policy Goals

- **Renewable energy targets**
- **Retirement of aging power plants**
- **Compliance with proposed State Water Resources Control Board once-through cooling policies**
- **Eliminating or reducing local capacity requirements**



## Potential Corridor Needs

- **For point-to-point transmission needs**
  - **Opportunities to link with federal corridors**
  - **Opportunities to provide transmission to aid RPS goals**
    - **Opportunities to export renewable-based generation outside of California**
  - **Opportunities to import economical out-of-state electricity**
  - **Opportunities to improve reliability and/or reduce congestion**
  - **Opportunities to upgrade existing lines**



## Potential Corridor Needs (continued)

- **For point-to-point transmission needs**
  - **Opportunities to meet future load growth**
  - **Potential for impacting sensitive lands that are inappropriate for energy corridors**
  - **Consideration of Garamendi Principles**
  - **Description of any work with local agencies**
  - **Other major issues**



## Other Corridor Questions

- **If no plans to propose a corridor, please identify the circumstances or planning timeframes where you would opt to obtain corridor designation prior to building a line.**
- **If you would not use the Energy Commission's corridor designation process, please explain why not.**



# Discussion – All Interested Parties



# Next Steps

- **December 18, 2008 – Due date for written comments on today's workshop**
- **January 2, 2009 – Post the staff final transmission forms and instructions**
- **January 14, 2009 – Commission business meeting vote on staff final transmission forms and instructions**
- **By January 16, 2009 – Post the Commission adopted transmission forms and instructions**
- **March 16 – Data responses due**
- **April or May – Hold IEPR Committee Workshop to vet staff's draft transmission project and corridor recommendations**
- **TBD – Rest of IEPR/Strategic Transmission Investment Plan schedule**

